

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1 to 9. (Canceled)

10. (Currently Amended) A data server, to which a portable terminal is connected via a network for receiving contents from a plurality of web servers that respectively provide the contents, comprising:

an image compressor for receiving the contents from the web servers and reducing sizes or number of colors of images according to standards of the portable terminal; ~~and~~

a proxy unit for monitoring the contents transmitted by the portable terminal or the web server, and when the contents transmitted by the web servers include image information, calling the image compressor; and

a channel generator for gathering a plurality of contents having a predetermined subject, provided by the web servers, and binding the contents into a single channel.

11. (Original) The data server of claim 10, further comprising a filter for filtering information that is inappropriate or not necessary for the portable terminal, from among the contents transmitted by the web servers.

12. (Canceled)

13. (Currently Amended) The data server of claim ~~12~~ 10, wherein the channel generator inserts advertisement contents into the contents of the predetermined subject and channels them.

14. (Currently Amended) The data server of claim ~~12~~ 10, wherein the web servers provide the contents to the data server via the network.

15. (Currently Amended) The data server of claim ~~12~~ 10, wherein the proxy unit checks whether a uniform resource locator (URL) input by the portable terminal is a channel URL that is of a set of URLs of a plurality of the web servers that provide the contents of a predetermined subject, and when the URL input by the portable terminal is a channel URL, the proxy unit calls the channel generator.

16. (Original) The data server of claim 15, wherein the portable terminal includes a plurality of channel icons that respectively have channel URL information of a predetermined subject, and wherein a user sets a channel icon of the portable terminal and inputs the channel URLs.

17. (Original) The data server of claim 16, wherein the channel icon of the portable terminal is downloaded from the data server.

18. (Original) The data server of claim 16, wherein the portable terminal comprises a program for making or editing the channel icon.

19. (Original) The data server of claim 16, wherein the portable terminal receives the channel icon via a computer, the channel icon being made or edited by the user using the computer that includes the program for making or editing the channel icon.

20. (Currently Amended) In a service method of a network service system having a data server, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service method comprising:

requesting, when a uniform resource locator (URL) of a web server that provides the contents is input via the portable terminal, the contents from the web server corresponding to the input URL;

reducing sizes or number of colors of the images of the contents transmitted by the web server and compressing the images according to standards of the portable terminal so as to convert the contents; and

transmitting the converted contents to the portable terminal via the network,
wherein the service method further comprises checking whether the URL input by the portable terminal is a channel URL that is of a set of URLs of a plurality of web servers that provide contents of a predetermined subject; and

gathering, when the URL is of the channel URLs, the contents of the predetermined subject transmitted by the web servers and binding the contents into a single channel.

21. (Original) The network service method of claim 20, further comprising: filtering information that is inappropriate or not necessary for the portable terminal, from among the contents provided by the web server.

22. (Canceled)

23. (Currently Amended) The network service method of claim ~~22~~ 21, wherein in the performance of channeling, advertisement contents are inserted into the contents of a predetermined subject and then a channeling step is performed on them.

24. (Currently Amended) In a network service system, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service system comprising:

a data server for receiving the contents from the web servers, gathering the contents of a predetermined subject provided by the web servers and binding them into a single channel, ~~and~~ processing the contents to convert them according to standards of the portable terminal, and transmitting the converted contents to the portable terminal via the network; and

an advertisement server, connected to the data server via the network, for storing various advertisement contents.

25. (Original) The system of claim 24, wherein the data server comprises:

an image compressor for receiving the contents from the web servers, reducing sizes and number of colors of images of the contents and compressing the images according to standards of the portable terminal;

a filter for filtering information that is inappropriate or not necessary for the portable terminal from among the contents transmitted by the web server;

a channel generator for gathering the contents of a predetermined subject provided by the web servers and binding them into a single channel;

a user database for storing user data corresponding to user information input by the portable terminal; and

a proxy unit for monitoring the data transmitted by the portable terminal or the web server, and calling and controlling the image compressor, the filter and the channel generator according to the data.

26. (Original) The system of claim 25, wherein the proxy unit calls the image compressor when the contents transmitted by the web server include image information.

27. (Original) The system of claim 25, wherein the proxy unit checks whether a URL input by the portable terminal is a channel URL that is of a set of URLs of the web servers that provide the contents of a predetermined subject, and in the case the URL input by the portable terminal is a channel URL, the proxy unit calls the channel generator.

28. (Original) The system of claim 25, wherein the channel generator inserts advertisement contents transmitted by the advertisement server into the contents of a predetermined subject provided by the web server and binds them.

29. (Original) The system of claim 28, wherein the proxy unit extracts user data corresponding to user information input by the portable terminal from the user database and transmits the extracted user data to the advertisement server, and the advertisement server transmits the advertisement contents based on the extracted user data to the proxy unit.

30. (Original) The system of claim 29, wherein the user information includes ID and passwords, and the user data include at least one of user's general information, electronic commerce information and previously transmitted advertisement information.

31. (Original) The system of claim 29, wherein the advertisement server is connected to the data server via an exclusive network.

32. (Original) The system of claim 29, wherein the advertisement server connected to the data server via the network is a web server of an advertisement contents provider.

33. (Original) The system of claim 29, wherein in the case the converted contents comprise a plurality of streams, the proxy unit controls timing of each transmission stream.

34. (Currently Amended) In a network service method of a network service system, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service method comprising:

searching, when a uniform resource locator (URL) of a web server for providing the contents via the portable terminal and user information are input, a user database and extracting user data;

requesting the contents from the web server corresponding to an input URL, and transmitting the extracted user data to an advertisement server;

filtering information that is inappropriate or not necessary for the portable terminal from among the contents transmitted by the web server;

gathering the contents of a predetermined subject provided by the web servers and binding them into a single channel;

reducing sizes or number of colors of images of the ~~filtered~~ contents or compressing the images according to standards of the portable terminal, and inserting advertisement contents corresponding to the user data transmitted by the advertisement server into the filtered contents to convert the contents; and

transmitting the converted contents to the portable terminal via the network.

35. (Original) The method of claim 34, further comprising:

checking whether the URL input by the portable terminal is a channel URL that is of a set of URLs of a plurality of web servers that provide contents of a predetermined subject; and

gathering the contents of a predetermined subject provided by the web server and binding the same into a single channel.

36. (Currently Amended) In a portable terminal for receiving contents from a network web server, a portable terminal comprising:

a network interface for accessing the web server via the network; ~~and~~

a contents processor comprising a proxy unit for monitoring the contents transmitted by the web server, and for calling the contents processor to process ~~for processing~~ the contents provided by the web server to fit its standards when the contents transmitted by the web server include image information; and

a channeling unit for gathering the contents of a predetermined subject provided by a plurality of web servers and binding the contents into a single channel.

37. (Currently Amended) The terminal of claim 36, wherein the contents processor processes the contents provided by the web server to fit its standards by reducing ~~reduces~~ sizes or number of colors of images, ~~and comprises a proxy unit for monitoring the contents transmitted by the web server, and when the contents transmitted by the web server include image information, calling the contents processor.~~

38. (Currently Amended) The terminal of claim 36 ~~or 37~~, further comprising:
a memory for storing the contents processed by the contents processor; and
a display for displaying the contents processed by the contents processor.

39 to 41. (Canceled)

42. (Currently Amended) In a user terminal connected via a network to a portable terminal and a plurality of web servers that provide contents, a user terminal comprising:

a network interface for accessing the web servers via the network and receiving corresponding contents;

an image compressor for receiving the contents from the web servers and reducing sizes and number of colors of images of the contents provided by the web servers;

a controller for monitoring the contents transmitted by the web server, and when the contents transmitted by the web server include image information, calling the image compressor; and

a communication port for transmitting the contents processed by the controller to the portable terminal,

wherein the controller further comprises a channeling unit for gathering a plurality of contents of a predetermined subject provided by a plurality of web servers and binding the contents into a single channel.

43. (Original) The terminal of claim 42, wherein the controller further comprises a filter for filtering information that is inappropriate or not necessary for the portable terminal, from among the contents provided by the web servers.

44 to 46. (Canceled)